

1. TRANSMITTED DATA

1-1 CHANNEL MESSAGES [H]:Hex, [D]:Decimal

Status [Hex]	Second [H] [D]	Third [H] [D]	Description
8n	kk (kk)	40 (64)	Note Off
9n	kk (kk)	00 (00)	Note Off
9n	kk (kk)	vv (vv)	Note On (vv = 1~127)
Bn	40 (64)	vv (vv)	Damper Pedal
Bn	42 (66)	00/7F (0/127)	Sostenuto Off/On
Bn	43 (67)	vv (vv)	Soft Pedal
Bn	cc (cc)	vv (vv)	Control Change
Cn	pp (pp)	-- --	Program Change [*1]

n : MIDI Channel (0~15)

vv: Value

[*1]: Program :MIDI Out[D]

C-6500

SINGLE(PIANO1~STRINGS) :pp = 00~07

LAYER(PIANO1+PIANO2~ORGAN+STRINGS) : = 08~35

SPLIT(PIANO1/PIANO2~BASS/STRINGS) : = 36~99

C-3000

SINGLE(PIANO1~STRINGS) :pp = 00~06

LAYER(PIANO1+PIANO2~ORGAN+STRINGS) : = 07~23

1-3 SYSTEM REALTIME MESSAGES

Status[H]	Description
F8	Timing Clock [*1][*2]
FA	Start [*1][*2]
FB	Continue [*1][*2]
FC	Stop [*1][*2]
FE	Active Sensing

[*1]:Transmits when Recorder is playing or recording (Internal Clock)

[*2]:C-6500 Only

1-4 UNIVERSAL SYSTEM EXCLUSIVE MESSAGES (DEVICE INQUIRY REPLY)

Byte[H]	Description
F0	Exclusive Status
7E	Non Realtime Message
0g	MIDI Global Channel (Device ID)
06	Inquiry Message
02	Identity Reply
42	KORG ID (Manufacturers ID)
56	C-series ID (Family ID (LSB))
00	(Family ID (MSB))
ii	(Member ID (LSB))
00	(Member ID (MSB))
xx	(Minor Ver. (LSB))
xx	(Minor Ver. (MSB))
xx	(Major Ver. (LSB))
xx	(Major Ver. (MSB))
F7	End Of Exclusive

Transmits when INQUIRY MESSAGE REQUEST Received

ii = 0F[H] C-6500

= 17[H] C-3000

1-5 STRUCTURE OF KORG SYSTEM EXCLUSIVE MESSAGES

1st Byte = 1111 0000 : Exclusive Status
 2nd Byte = 0100 0010 : KORG ID
 3rd Byte = 0011 gggg : Format ID g:GloalCh.
 4th Byte = 0110 0010 : C-series ID
 5th Byte = 0fff ffff : Function Code
 6th Byte = 0ddd dddd : Data
 :
 LastByte = 1111 0111 : End of Exclusive

2.RECOGNIZED RECEIVE DATA

2-1 CHANNEL MESSAGES

Status [Hex]	Second [H] [D]	Third [H] [D]	Description
8n	kk (kk)	vv (vv)	Note Off vv=0~127
9n	kk (kk)	00 (00)	Note Off
9n	kk (kk)	vv (vv)	Note On vv=1~127
Bn	07 (07)	vv (vv)	Volume
Bn	0B (11)	vv (vv)	Expression
Bn	40 (64)	vv (vv)	Damper Pedal
Bn	42 (66)	vv (vv)	Sostenuto Off/On
Bn	43 (67)	vv (vv)	Soft Pedal
Bn	5B (91)	vv (vv)	Reverb Send
Bn	5D (93)	vv (vv)	Chorus Send
Bn	78(120)	00 (0)	All Sound Off
Bn	79(121)	00 (0)	Reset All Controller
Bn	7A(122)	00/7F (0/127)	Local Control Off/On
Bn	7B(123)	00 (0)	All Note Off
Cn	pp (pp)	-- --	Program Change [*1]

n : MIDI Channel No.(0~15)

vv: Value

[*1]: MIDI In[D] :Program

C-6500

pp = 00~07 :SINGLE(PIANO1~STRINGS)
 = 08~35 :LAYER(PIANO1+PIANO2~ORGAN+STRINGS)
 = 36~99 :SPLIT(PIANO1/PIANO2~BASS/STRINGS)

C-3000

pp = 00~06 :SINGLE(PIANO1~STRINGS)
 = 07~23 :LAYER(PIANO1+PIANO2~ORGAN+STRINGS)

2-3 SYSTEM REALTIME MESSAGES

Status[H]	Description
FE	Active Sensing

2-4 UNIVERSAL SYSTEM EXCLUSIVE MESSAGE (NON REALTIME)

Byte[H]	Description
F0	Exclusive Status
7E	Non Realtime Message
gg	MIDI Channel [*1]
0a	Sub ID 1 [*2]
0b	Sub ID 2 [*2]
F7	End Of Exclusive

[*1]: gg = 00~0F : Received if Global Channel

= 7F : Received on any Channel

[*2]: 0a,0b = 06,01 : Inquiry Message Request

= 09,01 : General MIDI Mode On

3.MIDI EXCLUSIVE FORMAT

(R:Receive, T:Transmit)

SEQ DATA DUMP [*1]

R/T

Byte	Description
F0,42,3g,62	EXCLUSIVE HEADER
0100 1000 (48)	SEQ DATA DUMP
0ddd dddd (dd)	Sequence Data
:	:
1111 0111 (F7)	EOX

[*1]:C-6500 Only